

DOCKET No. 079-146

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Kesar SALEEM et al.

Serial No. 09/800,978

Filed: March 8, 2001

For: MAGNETRON

Group Art Unit: 1753

Examiner: CANTELMO

LETTER

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

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NOV 21 2001  
TC 1700

Sir:

In response to the Notice of Non-Complaint Amendment of October 12, 2001,  
entry of the following amendment is requested in order to ensure applicants scope of  
protection to which they are entitled.

IN THE CLAIMS

3. A magnetron as claimed in claim 1 wherein the coaxial line has at least  
one axially extensive slot through its outer conductor via which energy in the cylindrical  
waveguide mode is coupled from the coaxial line.

6. A magnetron as claimed in claim 1 wherein said one oscillator mode is the  
mode and said another oscillator mode is the  $-1$  mode.

7. A magnetron as claimed in claim 1 wherein the coaxial waveguide mode is  
the TEM mode and the cylindrical waveguide mode is the  $TE_{11}$  mode.